

U. S. Department of Agriculture
Bureau of Agricultural Economics
and
U. S. Department of Commerce
Weather Bureau

Nebr. Dept. of Agr. & Inspection
Division of Agr'l. Statistics
and
Agricultural Extension Service
of Nebr. College of Agr.

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Released 8-5-52

Week Ending 8-4-52

WEATHER Cool weather prevailed at the beginning of the week, and again at the close, while the middle portion was rather warm, with scattered afternoon temperatures of 100 degrees or slightly higher on Thursday and Friday afternoons. Moderate to heavy local showers fell over much of the eastern and central portions of the State, but the Panhandle was very dry.

July temperatures averaged near normal for the State as a whole, with a slight excess over the central and east, but the west was cooler than normal. Changes were more frequent than is usual for this season of year. Rainfall was generally above normal over the southeastern half of the State, and considerably below over much of the northwestern half, where large areas in Cherry County and the Panhandle received less than an inch, and most of this half of the State less than 2 inches. The rains occurred as concentrated thundershowers, with rather long intervals of fair weather intervening, so there was abundant sunshine.

CROPS Generally corn is holding out well south and east of a line drawn diagonally from the northeast corner of Cedar County to the southwest corner of Hitchcock County. The crop so far has fared well as there were no prolonged periods of hot weather in this area. Substantial rains fell during the early part of July and there was a good reserve of subsoil moisture. Rain was light to heavy during the past week. One or more rains in this area now would produce a good crop, and another by the middle of August would produce maximum production, barring high temperatures and hot winds.

About 90% of the corn had tasseled up to August 2 and the early corn is developing ears rapidly. Corn north and west of the diagonal line mentioned above has suffered some damage but some of it can still produce a fair to good crop while some is fired and damaged beyond recovery.

Much of the wheat ground in eastern Nebraska has been plowed and prepared for fall seeding. A general rain would be helpful as some of the land is too dry for plowing.

Low yields predominated for oats and barley. A much larger acreage was cut for hay because of poor yields.

Favorable yields on early potatoes have been reported. Sorghum needs rain particularly in the western portion of the State. Soybeans are promising. The outlook for dry edible beans and sugar beets varies from fair to good, depending somewhat on planting time and damage from hail. Alfalfa seed prospects are generally good.

Pastures need moisture over the northwestern half of the state and vary from fair to good in the southeastern area. In some of the dryer hardland areas pasture grasses are very dry. Pasture and range feed in the Sandhills, while down in quantity, are up in quality and are producing a good hard finish on cattle. The wild hay crop is a little short which will be offset to some extent by cutting a larger acreage. The third crop of alfalfa varies, part of the crop being good with harvesting started.

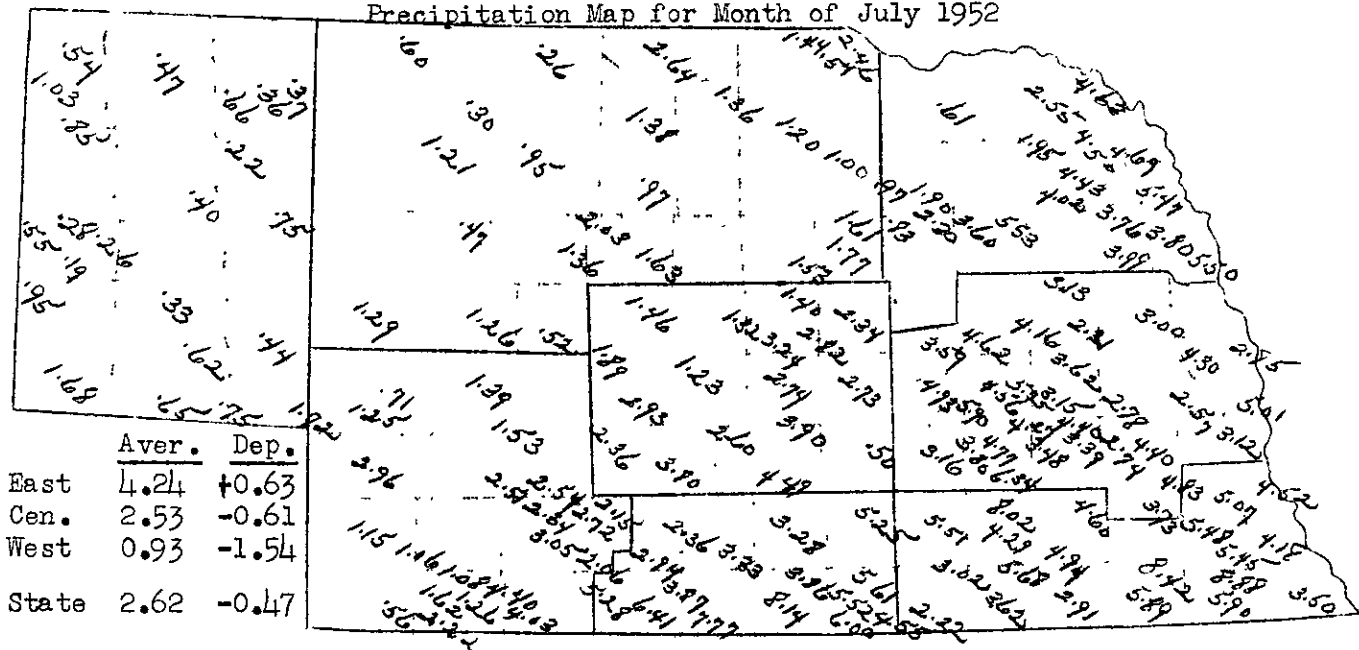
LIVESTOCK Cattle are doing well so far on the pastures. There has been no further spread of vesicular exanthema. Chickens raised in Nebraska were estimated at 19 million birds, down 18% from last year, and about 2/3 of the 10 year average. Young chickens on the farms ^{in U.S.} are down 7%. The lamb crop totals 191,000 head, up 19%. Breeding ewes have increased to 179,000 from a low of 134,000 head two years ago.

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING AUGUST 4, 1952

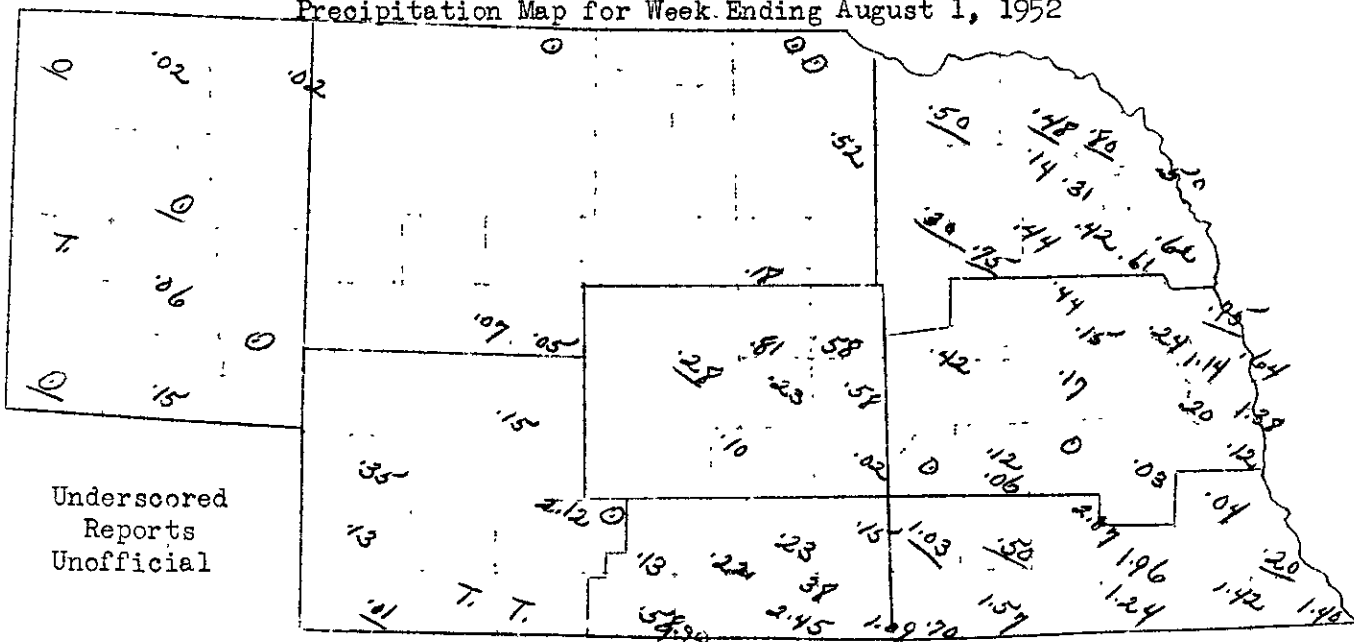
| Eastern Division | Eastern Div., Cont'd. | Central Division | Western Division |
|----------------------|-----------------------|-------------------|------------------|
| Albion 0 | Hastings .43 | Broken Bow .28 | Alliance 0 |
| Ashland .30 | Lincoln .84 | Burwell 1.50 | Chadron .01 |
| Auburn .66 | Norfolk .84 | Cambridge .17 | Culbertson 0 |
| Beatrice 2.27 | Oakdale .21 | Holdrege .39 | Imperial .07 |
| Columbus 1.11 | Omaha 1.56 | Lexington .15 | Kimball 0 |
| Fairbury 1.76 | Red Cloud 2.26 | North Loup .58 | Scottsbluff .11 |
| Fairmont .64 | St. Paul 0 | North Platte 1.74 | Sidney .34 |
| Falls City 1.40 | Tekamah .94 | O'Neill .07 | |
| Freemont 1.26 | Wakefield 1.22 | Ravenna .51 | |
| Grand Island .36 | York .87 | Valentine .83 | |
| Hartington .48 | | | |
| Average this week | 0.92 | 0.62 | 0.08 |
| Total since April 1 | 15.66 | 9.58 | 7.00 |
| Normal since April 1 | 14.94 | 12.92 | 10.57 |

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Precipitation Map for Month of July 1952



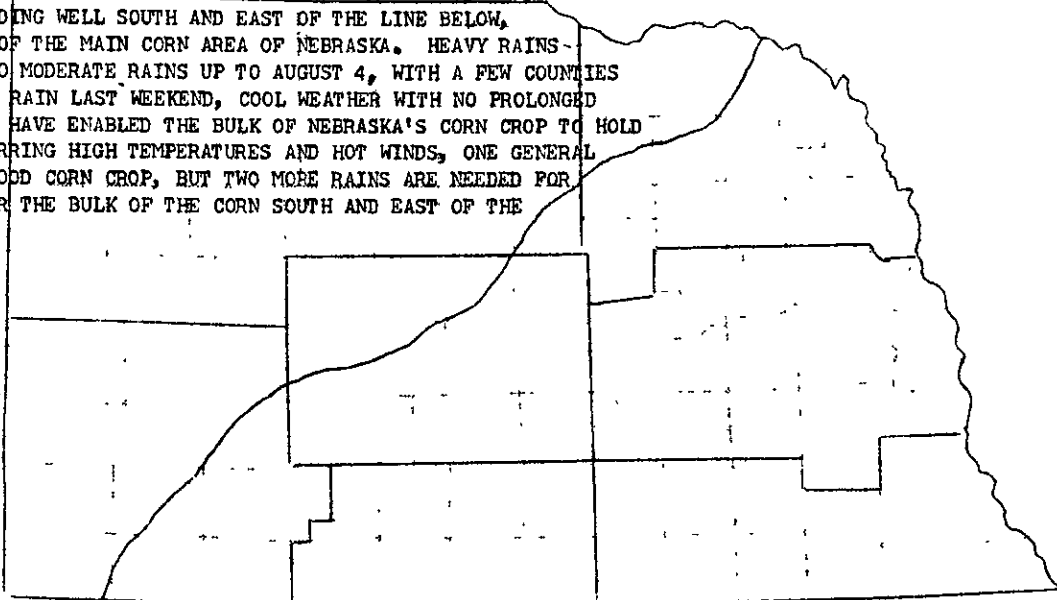
Precipitation Map for Week Ending August 1, 1952



Underscored
Reports
Unofficial

Corn Map August 4, 1952

CORN GENERALLY IS HOLDING WELL SOUTH AND EAST OF THE LINE BELOW, WHICH COMPRISES MOST OF THE MAIN CORN AREA OF NEBRASKA. HEAVY RAINS IN EARLY JULY, FAIR TO MODERATE RAINS UP TO AUGUST 4, WITH A FEW COUNTIES RECEIVING SUBSTANTIAL RAIN LAST WEEKEND, COOL WEATHER WITH NO PROLONGED PERIOD OF HOT WEATHER HAVE ENABLED THE BULK OF NEBRASKA'S CORN CROP TO HOLD OUT WELL TO DATE. BARRING HIGH TEMPERATURES AND HOT WINDS, ONE GENERAL RAIN WOULD ASSURE A GOOD CORN CROP, BUT TWO MORE RAINS ARE NEEDED FOR MAXIMUM PRODUCTION FOR THE BULK OF THE CORN SOUTH AND EAST OF THE LINE BELOW.



HIGHEST AND LOWEST TEMPERATURES (for 24 hours ending in a.m.)

| | | July | | 30th | | 31st | | August | | 2nd | | 3rd | | 4th | |
|------|--------------|------|-----|------|-----|------|-----|--------|-----|-----|-----|-----|-----|-----|-----|
| | | 29th | | | | | | 1st | | | | | | | |
| | | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min |
| NW | Chadron | 81 | 58 | 92 | 47 | 98 | 53 | 101 | 55 | 98 | 68 | 92 | 63 | 86 | 50 |
| | Scottsbluff | 79 | 66 | 88 | 56 | 95 | 60 | 96 | 65 | 93 | 61 | 93 | 63 | 86 | 56 |
| | Sidney | 71 | 54 | 88 | 53 | 93 | 60 | 95 | 58 | 96 | 57 | 93 | 63 | 85 | 50 |
| N-C | Burwell | 79 | 51 | 91 | 50 | 90 | 62 | 93 | 61 | 99 | 61 | 81 | 61 | 81 | 56 |
| | Valentine | 78 | 58 | 88 | 49 | 91 | 63 | 99 | 66 | 97 | 68 | 82 | 63 | 82 | 53 |
| NE | Norfolk | 78 | 51 | 87 | 55 | 85 | 63 | 88 | 67 | 92 | 71 | 78 | 64 | -- | -- |
| | Sioux City | 78 | 48 | 86 | 55 | 85 | 59 | 79 | 64 | -- | -- | 83 | 65 | 82 | 57 |
| CEN. | Grand Island | 85 | 58 | 82 | 56 | 89 | 64 | 93 | 71 | 96 | 70 | 79 | 68 | 84 | 57 |
| | Lexington | 78 | 59 | 85 | 51 | 90 | 62 | 95 | 66 | 99 | 68 | 87 | 64 | 86 | 53 |
| E-C | Lincoln | 86 | 63 | 82 | 64 | 88 | 65 | 88 | 70 | 93 | 73 | 79 | 67 | 86 | 62 |
| | Omaha | 88 | 55 | 85 | 61 | 85 | 64 | 83 | 65 | 87 | 68 | 79 | 68 | 84 | 61 |
| SW | Imperial | 77 | 58 | 85 | 53 | 94 | 59 | 100 | 58 | 102 | 63 | 96 | 64 | 87 | 56 |
| | North Platte | -- | 61 | 90 | 49 | 90 | 59 | 98 | 60 | 101 | 64 | 90 | 63 | 63 | 58 |